IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tao XIA et al.   Conf. No.: 8743

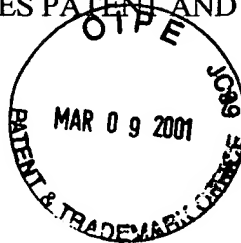Serial No.:   09/742,405   Group: Unknown

Filed: December 22, 2000   Examiner: Unknown

For: WAVELET-ENHANCED AUTOMATED FINGERPRINT IDENTIFICATION
              SYSTEM

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents   March 9, 2001
Washington, D.C. 20231

Dear Sir:

The following Preliminary Amendments and Remarks are respectfully submitted in

conjunction with the above-identified application.

IN THE SPECIFICATION

On page 4, please replace the second paragraph containing lines 8-25 with the following

rewritten paragraph:

--The conventional art includes many methods of fingerprint registration. Among them,

minutia-based methods are the most popular approaches (*e.g.* Ratha et al., "A Real-Time Matching

System For Large Fingerprint Databases", IEEE Trans. PAMI, 18 (8), 799-813, Aug., 1996). Such

methods make use of the positional and orientational information of each minutia (*e.g.* Ratha et al.,

"A Real-Time Matching System For Large Fingerprint Databases", IEEE Trans. PAMI, 18 (8), 799-

813, Aug., 1996; Hrechak et al., "Automated Fingerprint Recognition Using Structural Matching",

Pattern Recognition, 23(8), 893-904, 1990; Wahab et al., "Novel Approach To Automated

Fingerprint Recognition", Proc. IEE Visual Image Signal Processing, 145(3), 160-166, 1998; and

Chang et al., "Fast Algorithm For Point Pattern Matching: Invariant To Translations, Rotations And

Scale Changes", Pattern Recognition, 30(2) 311-320, 1997), or possibly together with a segment of